

# The Gazette of India



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Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs .

Calcutta, the 3rd June 1961

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

17th May 1961

76742 E. G. K. Murti. Improvements in or relating to drying of wet grains and seeds.

76743. May & Baker Limited. Process for the preparation of phenylpiperazine compounds and pharmaceutical compositions containing them. (18th May 1960).

76744. International Eweson Corporation. Improvements relating to method and apparatus for making organic fertilizers.

76745 Improved Machinery Inc. Filter drum for rotary filter apparatus.

76746. Scientific Design Company, Inc. Chemical process.

76747. Scientific Design Company, Inc. Chemical process.

76748 W. & T. Avery, Limited. Improvements relating to weighing apparatus incorporating a self-balancing potentiometer system.

76749. Österreichische Stickstoffwerke Aktiengesellschaft. Improved method for reducing or removing the biuret content of urea.

76750. Girling Limited. Improvements relating to brake systems for vehicles (20th May 1960).

76751 The General Electric Company Limited. Improvements in or relating to electric inverter circuits. (23rd May 1960).

76752 The Dow Chemical Company. Self-extinguishing thermoplastic resin compositions.

76753 Sandoz Ltd. Process for the production of organic pigments of the quinaclidone series. (10th January 1961). [Addition to No. 72540].

76754. Sandoz Ltd. A process for the manufacture of esters containing phosphorus. (28th March 1961).

76755. McGregor & Balfour Limited and D. D. McGregor. Method of assembling flanges on a hub of wood or similarly yielding material.

76756 Ciba Limited. Manufacture of new pyridines.

76757. G. Fraresso and E. Fraresso. Improvements in cutter windrower apparatus.

18th May 1961

76758. Amal Chandra Guha. Attachments to convert an umbrella into a bazar (marketing) bag.

76759 T. C. Munirathnam. Hydraulic transmission of power through opposed pistons. [Addition to No. 68850].

76760. Shell Internationale Research Maatschappij N.V. Slide valve.

76761. Commissariat A L'Energie Atomique. Device for measuring the concentration of gaseousphase fission products.

76762. American Home Products Corporation. A delayed release medicament preparation in oral dosage form and process for making the same.

76763. Fichtel & Sachs A.G. Improved change-speed hub gear for pedal cycles, motorcycles or the like.

76764. Fichtel & Sachs A.G. Improved shock damping piston.

76765. Executors of James Mills Limited. Improvements in or relating to the supporting of railway and like rails. (26th May 1960).

76766. Pye Limited. Automatic telephone systems. (25th May 1960).

76767. Pye Limited. Register circuit for automatic telephone exchanges. (25th May 1960).

76768. Pye Limited. Link control circuit for automatic telephone exchanges. (25th May 1960).

76769. Pye Limited. Lock out circuit for automatic telephone exchange. (25th May 1960).

76770. Dr. Jiban Kumar Chakrabarti, Mr. Sakti Pada Sen and Albert David Ltd. Process for the manufacture of an organic compound of iron of therapeutic value.

76771. Associated Electrical Industries Limited. Improvements in register mechanisms. (19th May 1960).

76772. Associated Electrical Industries Limited. Improvements in register mechanisms. (19th May 1960).

76773. Jonas Woodhead & Sons (Lceds) Limited. Improvements in or relating to spring assemblies for vehicles. (20th May 1960).

76774. W. L. Meier. A device for pushing and shunting railway wagons on the track by manual labour.

19th May 1961

76775 Wurttembergische Spindelfabrik Gesellschaft mit beschränkter Haftung. Spindle driving mechanism. (10th March 1961).

76776. A. H. Gray. A method of producing printing plates.

76777. Glaxo Laboratories Limited. Chemical compounds. (27th May 1960).

76778. Abbott Laboratories. Improvements in steroid lactones.

76779. Albiswerk Zurich A.G. Improvements in or relating to direct voltage stabilisation circuits. (28th March 1961).

76780. The Bendix Corporation. Fluid pressure motor construction.

76781. Canadian Ingersoll-Rand Company Limited. Particle freeing method and apparatus for particle sizing screens. (3rd June 1960).

76782. Standard Telephones and Cables Limited and Automatic Telephones & Electric Company. Improvements in or relating to telecommunication exchange systems. (20th May 1960).
76783. Roto-Finish Company. Self-separating finishing and polishing machine.
76784. American Cyanamid Company. Stabilization process.
- 20th May 1961
76785. Saxby and Farmer (India) Private Limited, B. F. Goodchild and T. L. Duffield. Improvements relating to apparatus for operating signals particularly for railways.
76786. Lipha, Lyonnaise Industrielle Pharmaceutique. New derivatives of indane-1, 3-dione and processes for the preparation of such derivatives.
76787. Dr. Karl Thomas GmbH. Chemical compounds. (13th January 1961).
76788. Scientific Design Company, Inc. Chemical process and apparatus.
76789. W. R. Schmitz. Construction of slurry press.
76790. Ciba Limited. New dyestuffs and their manufacture and use.
76791. E. Merck Aktiengesellschaft. The manufacture of new indole derivatives. (7th April 1961).
76792. R. B. B. V. Boyle. Improvements in or relating to hand-railing. (20th December 1960).
76793. K. M. Groetschel. Cantilever bar.
76794. Veb Farbenfabrik Wolfen. Process for the recovery of metal hydroxides from aqueous solutions. (21st November 1960).
76795. Veb Farbenfabrik Wolfen. Process for the manufacture of strongly acidic cation exchange resins. (28th November 1960).
- 22nd May 1961
76796. B. C. Mohanty. Peripheral compass.
76797. Gas and Fuel Corporation of Victoria. Process and apparatus for the carbonization of coal. (27th May 1960).
76798. Atlas Copco Aktiebolag. Minimum pressure delivery valve assembly for motor compressor units.
76799. Associated Electrical Industries Limited. Improvements relating to electric incandescent lamps. (1st June 1960).
76800. E. I. du Pont de Nemours and Company. Method and apparatus for making thermoplastic pipes.
76801. Dairy Supply Company Limited. Improvements in or relating to electric thermostats.
76802. Klockner-Humboldt-Deutz Aktiengesellschaft. Method for measuring or controlling the quantity of solids transported by a flowing slurry in unit time.
76803. The English Electronic Company Limited. Improvements in or relating to electrical protective relays. (9th June 1960).
76804. H. C. Andrews Tea (green leaf) processing machine.
76805. K. Durairaj. A hand-operated mechanism for rowing boat.
76806. Standard Telephones and Cables Limited. Improvements in or relating to joint boxes for electric cables. (2nd September 1960).
76807. Societe D'Electro-Chimie, D'Electrometallurgie Et Des Acieries Electriques D'Ugine. Improvements in and relating to oxidation catalysts. (27th January 1961).
76808. Societe D'Electro-Chimie, D'Electrometallurgie Et Des Acieries Electriques D'Ugine. Improvements in or relating to the oxidation to hydrocarbons. (3rd February 1961).
76809. Foseco International Limited. Improvements in the production of castings and ingots and of exothermic products. (23rd May 1960).
76810. Knorr-Bremse Kommanditgesellschaft. Improvements in or relating to automatic central buffer-couplings for rail vehicles.
76811. Griffin Wheel Company. Railway wheel.
76812. J. G. Kulkarni. Improvements in or relating to safety razors.

76813. Creeds & Company Limited. Improvements in or relating to type printing telegraph apparatus. (2nd September 1960).
76814. Merck & Co., Inc. Preparation of hides for tanning.
76815. Mrs. Beryl Alice Enid DePenning. Improvements in measuring pockets primarily for use in loading coal into skips.
76816. D. P. Asar. Improvements in or relating to venetian blinds.
76817. Johnson & Johnson. Pleaty talc beneficiation.
- Applications Accepted**
- Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.
- A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.
- If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.
- The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.
68826. Merck & Co., Inc. 2, 3-dimethoxy-5-methyl-benzozquinones containing isoprenoid substituents in the 6-position. (8th June 1959). Accepted on 19th May 1961.  
*Reacting 2, 3-dimethoxy-5-methylhydroquinone with HO- (CH<sub>2</sub>CH=CH<sub>2</sub>)<sub>n</sub>H, n being 1–10 in presence of condensing agent.*
68898. General Electric Company. Improvements in or relating to diamond synthesis. Accepted on 20th May 1961.  
*Mixture of nondiamond carbon and a catalyst capable of catalysing the conversion of non-diamond carbon to diamond is subjected to pressure and temperature to cause an inflection of the electrical resistance curve of the mixture.*
68900. General Electric Company. Improvements in or relating to method of making diamonds. Accepted on 20th May 1961.  
*Combining a carbonaceous material with at least one catalyst material like iron, cobalt etc., subjecting them in the diamond forming region to a pressure of 75000 atmospheres at 1200° to 2,000°C.*
68991. General Electric Company. Diamond synthesis. Accepted on 20th May 1961.  
*Combining a carbonaceous material with a catalyst composition comprising an alloy of at least two metals, atleast one of the metals being a member of group VIII of the periodic table, being chromium, tantalum etc., subjecting in the diamond stable region to a pressure of 50,000 atmospheres and at a temperature of 1200°C.*
69274. Merck & Co., Inc. Steroid compounds and process of preparing the same. (6th December 1958). Accepted on 18th May 1961.  
*6, 16 -dialkyl-3 β-hydroxy-17 α, 20, 20, 21-bismethylene dioxy-5-pregnene compounds are prepared from 16 -alkyl, 3 β, 17 α, 21-trihydroxy-5-pregn-20-one-3-tosylate 21-acylate.*
69710. The Imperial Tobacco Company (of Great Britain and Ireland) Limited. Improved tobacco product and method and apparatus for its production. (19th November 1958). Accepted on 17th May 1961.  
*Sticky matter recovered from waste tobacco is applied to tobacco to be treated, or added to tobacco powder, providing augmented stickiness and increased adherence.*

69714. The General Electric Company Limited. Improvements in or relating to sodium vapour electric discharge lamps. (17th December 1958). Accepted on 18th May 1961.

*Wherein the, or each straight part of the envelope is formed with a plurality of flattened regions of relatively long axial length and of relatively small area of cross-section, separated by intermediate regions of relatively short axial length having the full area of cross-section of the tube.*

69732. Cassella Farbwerke Mainkur Aktiengesellschaft. Dye composition and dyeing method. (15th July 1959). Accepted on 17th May 1961.

*Comprising a highly dispersed vat dye pigment an acid and an anionic surface active substance containing a hydrocarbon radical of at least six carbon atoms.*

69742. F. Taylor & Sons (Manchester) Limited. Improvements in or relating to grabs. Accepted on 18th May 1961.

*Hydraulic actuating means other than two rams co-operating with a common cylinder being employed, such means being self-supporting or carried by the suspension frame.*

69752. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the production of spinable linear copolyetheresters. Accepted on 18th May 1961.

*By copolymerizing oxy-ethoxyvanillic acid or polyester forming derivative thereof together with terephthalic acid and ethylene glycol in the presence of ester-interchange catalyst.*

69773. The General Electric Company Limited. Improvements in or relating to vibratory equipment. (28th November 1958). Accepted on 20th May 1961.

*Comprising resilient means through which support member is mounted on under carriage member and inextensible linkage means making connection with under carriage member and with support member, the connection embodying adjustable means for controlling initial stress in resilient means.*

69809. United States Steel Corporation. Method of reducing eye holing in lacquered tin-plate. Accepted on 22nd May 1961.

*Tin coating on steel by electrodeposition, stabilized by a protective film containing chromium compounds, which is treated with a reducing agent effective to combine with any free hexavalent chromium of the film.*

69831. Clevite Corporation. Piezoelectric voltage generator and an ignition system employing it. Accepted on 19th May 1961.

*Comprising a housed and insulated piezoelectric element which is restrained within the housing at one end and squeezing means to squeeze the element periodically.*

69867. E. I. du Pont de Nemours and Company. New alpha-haloformamidines and salts thereof, and compositions containing the same. Accepted on 17th May 1961.

*Reacting a substituted phenyl urea with a phosphorous pentahalide.*

69935. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating apparatus. (5th December 1958). Accepted on 17th May 1961.

*Closure means located adjacent that end wall of the passage past which the conveyor carries the filler formed thereon in the passage, and having an operative part to contact the filler on the conveyor and arranged to close the gap between said end wall and filler, at least the operative part of the closure means being moveable.*

69970. Asahi Kasei Kogyo Kabushiki Kaisha. Coagulating bath bath apparatus suited for the production of cupro-ammonium rayon. Accepted on 18th May 1961.

*A spinning funnel consisting of a conical tube part and a straight long tube part having a constant inner diameter connecting therewith.*

69992. The Norwich Pharmacal Company. Improvements in or relating to the manufacture of derivatives of 5-nitrofuran. (15th October 1959). Accepted on 17th May 1961.

*Condensing 5-nitro-2-furfuraldehyde with N-aminoheterocyclic compound like 2-piperidone.*

70020. Ansul Chemical Company. Charge for a stored pressure type fire extinguisher. Accepted on 18th May 1961.

*A charge for a fire extinguisher comprising dry chemical fire extinguishing powder, a powdered absorbing agent and a gaseous expellant a portion of which being absorbed by said absorbing agent so as to maintain the internal gaseous pressure at a predetermined level.*

70087. Farbenfabriken Bayer Aktiengesellschaft. Phosphorus-containing insecticides. (14th October 1959). Accepted on 17th May 1961.

*(Alkyl-mercaptoaryl)-mercapto-alkyl halide is reacted with a salt of an O:O-dialkythio-or dithiophosphoric, phosphonic or phosphinic acid.*

70144. Wipac Development Limited. Improvements in and relating to ignition apparatus for internal combustion engines. (22nd May 1959). Accepted on 20th May 1961.

*Wherein the alternator has a rotor carrying a permanent magnet co-operating with a stator having a plurality of poles, one of the poles having a casting, shaped as to provide a hollow core.*

70236. Union Carbide Corporation. Curing compositions for foaming polyurethane reaction products. (5th October 1959). Accepted on 18th May 1961.

*Comprising an organo-tin compound having a direct C. to Sn. valence bond, the tin atom also being connected to a halogen, O, S, N or P atom and a polysiloxane-oxyalkylene copolymer.*

70295. Spencer Chemical Company. Process for the manufacture of thiocarbazates and compositions containing the same. Accepted on 18th May 1961.

*Reacting 3-chloro-phenyl hydrazine with ethylchlorothiocarbonate to produce ethyl-3-(3-chlorophenyl) thiocarbazate.*

70425. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to lighting fittings. Accepted on 22nd May 1961.

*Side walls of the transparent closing body constitute the lateral terminating partitions of the lighting fitting and in that to the base of the lighting fitting supports for lamp holder are hinged.*

70440. Indar Plastics Works. Containers for tiffin carriers. Accepted on 22nd May 1961.

*Excluding polythene through a slit-die, the moulding material being pre-heated throughout to a temperature near the softening point but below the polymerisation point, mixing colour to the mix and then forming the containers from the said mixture.*

70442. Pittsburgh Plate Glass Company. Method and apparatus for pressing a laminated glass assembly. Accepted on 17th May 1961.

*Which comprises enclosing the periphery and a narrow marginal portion only of the assembly with a fluid impervious material in engagement with the outer surfaces of a narrow marginal area of the assembly and spaced from the periphery to provide a conduit.*

70509. Eloflock Oberflachenveredlung Gesellschaft Mit Beschränkter Haftung. Improvements in or relating to the electrostatic coating of cord like products. Accepted on 19th May 1961.

*In which the particles in the presence of the cord product to be coated are subjected to the influence of at least two simultaneously produced electrostatic fields, which fields act in succession.*

70513. Albright & Wilson Limited. Improvements in or relating to the production of ceramics. (6th February 1959). Accepted on 18th May 1961.

*A composition comprising conventional ceramic mixture having incorporated therein a calcium silicate-fluoride mixture.*

- 70515 M. Amiault and P. Destoumieux. Improvements in centrifugal pumps. Accepted on 20th May 1961  
*Impeller consists of a system of vanes made by pressing from a sheet metal blank which is stunk, crimped or clenched on an independent hub forcibly engaged around the end of the shaft.*
70528. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to party lines. Accepted on 19th May 1961.  
*Which is connected by means of a central connecting circuit to an automatic or non-automatic exchange and which is connected via individual connecting circuits to a plurality of telephone sets.*
70541. O. R. Groves Limited. Improvements in and relating to containers for liquids. (4th February 1959). Accepted on 20th May 1961.  
*Provided with a conduit of thin flexible plastics material sealed into an opening of the container so that the said conduit acts as a self-sealing valve for the container.*
70701. Power Jets (Research & Development) Limited Aircraft. (17th February 1959). Accepted on 20th May 1961.  
*Jet propulsion engines supply at least part of their by-pass air streams through non-return valves, to a common duct.*
70718. Merck & Co., Inc. Process for preparing benzathiadiazine compounds. (4th June 1959). Accepted on 17th May 1961.  
*Reacting orthanilimide with hexamethylene tetramine to yield a 3:4-dihydro-1:2:4-benzothiadiazine-1:1-dioxide.*
70745. G. Chand. Improvements in surgical dressings. Accepted on 19th May 1961.  
*Treating an absorbent material with a thin film of lanolin or oil, fat or wax which contains a small quantity of a water-soluble substance not sufficient to emulsify the whole of the oil fat or wax and subsequently passing the material through an aqueous solution of a swelling agent.*
- 70755 Pirelli Societa Per Azioni. Improvements in or relating to pneumatic tyres for automotive vehicles. (6th March 1959). Accepted on 20th May 1961.  
*Carcass is composed of a central portion in which the cords are geodetically arranged and two lateral portions in which the cords form a crossed structure.*
70763. Dunlop Rubber Company Limited. Inflation apparatus. (21st February 1959). Accepted on 20th May 1961.  
*An inflating device, consisting of a sealed bottle of compressed gas having a tabular adaptor fitted to its fixed end and a perforation member.*
70794. American Cyanamid Company. Improved nutritionally balanced animal feed composition. (29th January 1960). Accepted on 19th May 1961.  
*Comprising a broad spectrum antibiotic of the tetracycline type and sources of calcium and phosphorus.*
70803. T. R. N. Narayanan and T. R. N. Kesavalu. Deck chair. Accepted on 22nd May 1961.  
*The side arms of the frame members on each side of the chair are connected by an arm rest above the crossing point thereof and by a strap below said crossing point.*
- 70815 The Goodyear Tire & Rubber Company. Fluid pressure core for vulcanizing tires and the like. Accepted on 20th May 1961.  
*Consists of an inflatable body having a surface formed of a rubber compound which contains a lubricant physically contained therein.*
70851. P. B. Menon. Silicate soaps. Accepted on 19th May 1961.  
*By saponification of soap-forming carboxylic acids, rosin acids and nephthemic acids with a soluble silicate of sodium or potassium.*
70852. M. R. R. Row. Improvements in the set of matrices required for casting telugu types used in hand composing and also required for mono and lino systems of composing and casting with their respective arrangement in cases and key-boards. Accepted on 19th May 1961.  
*A set of matrices, bearing telugu characters, provided with new forms of consonants and a separate independent forms of deergham, othwam and oothwam and other combinations.*
70858. W. M. Pine. Ventilated building. Accepted on 20th May 1961.  
*An inner substantially imperforate sheathing, longitudinally spaced and transversely extending spacer members secured to outer surface of said sheathing and an outer imperforate sheathing secured to spacer members along inner surface defining air space.*
70883. Tesla, narodni podnik, Praha. Improvements in or relating to directional antennas of electronic devices. Accepted on 22nd May 1961.  
*Comprising a radiating element and a reflector or polarizer mounted on a carrier construction which consists of a shaft bearing a sleeve with a carrier crank supporting the antenna unit.*
70898. Aziende Colori Nazionali Affini Acna S.p.A. Wet grinding of pigments and dyes. Accepted on 19th May 1961.  
*The organic pigment or dye is subjected to wet grinding in aqueous suspension using a hydrophobic synthetic resin in granular form.*
70994. Westinghouse Brake & Signal Company Limited. Improvements in inverter circuits employing semiconductor switching devices. (18th March 1959). Accepted on 17th May 1961.  
*Comprising means for connecting a source of unidirectional voltage, a transformer, first, second third and fourth semiconductor switching devices, control means for producing periodically variable controlling potentials for each of the switching devices, and means for connecting the switching devices in a bridge configuration.*
- 71015 Simon-Carves Limited. Improvements relating to carbonised fuel briquettes, from sugarcane, bagasse or the like. (17th March 1959). Accepted on 22nd May 1961.  
*Comprises initially carbonising, forming a mixture of resultant carbonised char with a suitable filler and binder, compacting under pressure and further carbonisation.*
71017. Clayton Bewandre Company Limited. Improvements in or relating to fluid pressure operated servo braking mechanisms. Accepted on 20th May 1961.  
*Comprising lever housing, oscillatable brake and reaction lever assembly, a servomotor and hydraulic master cylinder at one end of lever housing, operative connections between lever assembly and pistons of servomotor and master cylinder, and an air reservoir on the other end of lever housing.*
71034. E. K. Cole Limited. Improvements in or relating to inductance coil assemblies. (8th April 1959). Accepted on 20th May 1961.  
*Comprising inductance coil mounted on tubular former, to one end of which is attached resilient bush, a cylindrical core member housed coaxially within the former and secured to a screw-threaded spindle passing through the bush.*
71062. Kautex-Werk Reinold Hagen. Worm actuated extrusion press. Accepted on 20th May 1961.  
*Wherein the portion of the body directly following the inflow aperture is maintained at a temperature which is lower than the temperature at which the material which is being extruded becomes plastic.*
71101. The Electric Storage Battery Company. Improvements in electrolytes for lead-acid batteries. (27th July 1959). Accepted on 19th May 1961.  
*Comprising dilute solution of sulphuric acid having incorporated therein a compound selected from the group consisting of aromatic aldehyde and their oxidation and reduction products.*

71177. Dunlop Rubber Company Limited. Fluid heating device. (25th April 1959). Accepted on 22nd May 1961.  
*Comprises a valve body having an inlet for fluid to be heated, two outlets, a valve member for varying the distribution of fluid between the two outlets and a heating chamber having an inlet and outlet and fluid heating means.*
71179. Conch International Methane Limited. Cold liquid storage and transportation tank. Accepted on 17th May 1961.  
*Tank includes a column of strong material extending downwardly through a central portion of the tank from top to bottom, said tank and column being joined in sealing relationship, a thermal insulation lining the inner surface of the column, a pump at the base of the column and its drive, conduit means connecting the pump with tank and the outside of the tank.*
71261. Glaxo Laboratories Limited. Improvements in or relating to a process for the production of griseofulvin. (1st April 1959). Accepted on 20th May 1961.  
*Culturing griseofulvin producing organism in a nutrient medium, heating the broth to separate the mycelial solid and extracting the solid with a water miscible solvent.*
71288. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of high molecular weight polycarbonates. (11th January 1960). Accepted on 18th May 1961.  
*Converting dihydroxy phenyl carboxylic acid esters of volatile monohydroxy compounds and heating the resulting polycarbonates during or after moulding.*
- 71292 Imperial Chemical Industries Limited. Improvements in or relating to the surface treatment of titanium or titanium base alloy. (17th April 1957). Accepted on 18th May 1961.  
*Treating the surface with hydrogen at elevated temperature followed by deposition of a coating of a metal.*
71305. Boving And Co. Limited. Improvements in and relating to butterfly valves. (10th April 1959). Accepted on 20th May 1961.  
*A circular valve disc pivoted about a transverse axis in a cylindrical valve casing in which means being provided for a peripheral seal.*
- 71306 The Mining Engineering Company Limited. Improvements relating to idlers for belt conveyors. (10th April 1959). Accepted on 20th May 1961.  
*Comprising a roller assembly supported at its ends by bell crank levers pivoted about horizontal axes parallel to line of travel of the belt and co-operating with rubber or like buffers.*
71399. Caterpillar Tractor Co. Actuating mechanism for two wheel dump wagons. Accepted on 20th May 1961.  
*Provided with a pivotal connection between the body and a point disposed rearwardly of and fixed with relation to the axle to support the body.*
71418. S. Smith & Sons (England) Limited. Improvements in or relating to visual indicating devices and vehicles control cabins incorporating such devices. Accepted on 18th May 1961.  
*Comprising arrangement/s providing changing optical stimulus in a region at or near the periphery of the field of view of observer and control means operative in response to a departure of a quantity from a datum value to cause the arrangement/s to provide a changing optical stimulus.*
71420. Norton Tool Company Limited. Improvements relating to pumps, compressors and engines. (16th April 1959). Accepted on 20th May 1961.  
*Comprises a shaft at least one reciprocating piston driving or driven by the shaft through an eccentric which rotates with the shaft.*
71513. Universal Oil Products Company. Rotary valve. Accepted on 20th May 1961.  
*Stator and rotor have seating surfaces and provided with a plurality of concentric circular grooves and ports so that each of the ports is in fluid flow communication with each of said openings at some point in the rotation of the rotor.*
71533. Maybach-Motorenbau G.m.b.H. Welded cylinder and crankcase unit. Accepted on 20th May 1961.  
*Each of individually cast intermediate and outer elements consists of two castings, the first one forming the cylinder cooling jacket and the second casting forming the crankshaft-bearing supporting wall, the two castings being jointed together by a weld.*
71588. The British Oxygen Company Limited. Treatment of molten ferrous metal. (6th May 1959). Accepted on 19th May 1961.  
*A lance for use in blowing a molten ferrous metal bath with oxygen, having an open end adapted.*
75615. The Borden Company. Milk product and process for the preparation thereof. (9th October 1959). [Divisional date 26th October 1959]. Accepted on 20th May 1961.  
*Milk flavour stabilising agent is made by mixing milk powder with an edible fatty glyceride oil heating the mixture to charring temperature under reduced pressure and separating the solution of the stabiliser in the fat.*

#### Opposition Proceedings

(1)

An opposition has been entered by Chas. Pfizer & Co., Inc., to the grant of a patent on application No. 68186 made by Chinoim Gyogyszer-Es-Vegyeszeti Termeket Gyara Rt.

(2)

An opposition has been entered by Shimada Glass & Flask Factory (Private) Limited to the grant of a Patent on application No. 69118 made by Alimahomed Chhaganbhai Padamsee.

(3)

An Opposition has been entered by Chas. Pfizer & Co., Inc., to the grant of a patent on application No. 69780 made by Council of Scientific & Industrial Research.

#### Patents Sealed

67907. 68010. 68059. 68104. 68133. 68213. 68219. 68231. 68320. 68365. 68383. 68397. 68418. 68478. 68589. 68594. 68595. 68631. 68635. 68716. 68883. 70524.
- #### Renewal Fees Paid
28100. 28366. 28878. 28983. 29343. 29344. 29950. 30182. 30350. 21693. 31694. 32766. 32918. 34872. 35084. 35435. 35760. 37655. 37885. 39126. 39820. 39864. 39876. 39898. 39919. 39953. 39975. 40021. 40041. 41545. 41550. 41600. 43277. 43278. 43279. 43334. 43336. 43337. 43357. 43367. 43392. 43455. 43595. 43602. 43662. 43677. 43710. 43711. 43712. 43775. 45368. 45374. 45648. 45746. 45747. 45914. 45918. 45919. 47322. 47370. 47436. 47437. 47449. 47456. 47491. 47547. 47548. 47563. 47592. 47726. 47806. 47826. 47925. 47926. 47939. 47961. 48075. 49395. 49624. 49656. 49680. 49738. 49914. 50022. 50062. 50120. 50124. 50136. 50137. 50233. 50572. 51547. 51772. 51937. 51949. 51970. 52018. 52037. 52097. 52132. 52133. 52135. 52211. 52226. 52242. 52246. 52299. 52419. 52466. 52509. 52510. 52534. 52599. 52600. 52601. 52625. 52656. 53949. 54164. 54581. 54582. 54626. 54627. 54636. 54646. 54671. 54690. 54720. 54753. 54804. 54831. 54848. 54981. 55087. 55089. 55092. 55093. 55137. 55254. 55255. 55261. 55269. 55301. 55382. 55418. 55748. 57407. 57512. 57514. 57527. 57595. 57641. 57642. 57644. 57696. 57706. 57771. 57840. 57891. 57977. 58021. 58045. 58081. 58082. 58092. 58118. 58169. 58207. 58260. 58279. 58286. 58326. 58702. 59025. 59064. 59065. 59316. 60565. 60586. 60652. 60685. 60710. 60791. 60798. 60838. 60839. 60993. 61009. 61142. 61202. 61290. 61330. 61332. 61369. 61376. 61398. 61400. 61418. 61419. 61420. 61421. 61422. 61431. 61454. 61455. 61456. 61457. 61483. 61595. 61738. 61987. 62995. 63062. 64303. 64292. 64401. 64443. 64579. 64670. 64858. 64880. 65311. 66548.

#### Restoration Proceedings

Notice is hereby given that an order was made on the 6th May 1961, restoring the patent numbered 46416 dated as of the 22nd December 1951 granted to Krishnaswamy Ramachandran, Nutulapathy Shanmukha Rao And Syed Husain Zaheer, for "Manufacture of levulinic acid".

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

**Class 1.** No. 107201. Sudan Vishnu Mayekar, Indian, 493, Arthur Road, 11 New Shed, Ghaswala Compound, Tardeo, Bombay No. 7, Maharashtra State, "Tray", November 17, 1960.

**Class 1.** No. 107365. Bali Singh Bhagwan Singh, Bazar Kasera, Amritsar, Punjab (East), India, Indian partnership concern, "Containers", November 23, 1960.

**Class 1.** No. 107366. Phoolchand Keshrimal Sanghvi & Bhabutmal Keshrimal Sanghvi both Indian Nationals, 110 Shivajinagar, Poona 5, Maharashtra State, India, "Containers", November 23, 1960.

**Class 1.** No. 107760. Mohan Singh Harbhajan Singh, G.T. Road, Goraya, Jullundur District, Punjab State, an Indian Partnership firm, "Pankha (a side part) of a chaff-cutting machine", December 31, 1960.

**Class 1.** No. 107769. Perfect Electrical Industries (India), 64, Ansari Market, Darya Ganj, Delhi, (Nationality Indian), "Table lamp", January 2, 1961.

**Class 1.** No. 107915. Oomer Haji Abba Hussein, 258, Frere Road, Near G.P.O., Fort, Bombay-1, City of Bombay, State of Maharashtra, India, an Indian National, "Button", January 12, 1961.

**Class 1.** No. 108139. Mohamed Asim, Indian, 107, Kambekar Street, 4th Floor, Bombay-3, Maharashtra, "Lid of ash-tray", February 6, 1961.

**Class 1.** No. 108164. Hoover Limited, a Company registered under the Laws of Great Britain, Perivale, Greenford, Middlesex, England, "An electric iron", August 18, 1960, (United Kingdom).

**Class 1.** No. 108225. Parker Electronics India Private Ltd., 2845-Chellan Street, Darya Ganj, Delhi-7, (India), (a Company incorporated under the Indian Companies Act), "Electric frying pan", February 14, 1961.

**Class 1.** No. 108226. Parker Electronics India Private Ltd., 2845-Chellan Street, Darya Ganj, Delhi-7, (India), (a Company incorporated under the Indian Companies Act), "Milk heating receptacle", February 14, 1961.

**Class 1.** No. 108227. Parker Electronics India Private Ltd., 2845-Chellan Street, Darya Ganj, Delhi-7, (India), (a Company incorporated under The Indian Companies Act), "Receptacle for boiling eggs", February 14, 1961.

**Class 1.** No. 108443. Ram Singh, Bara Hindu Rao, Delhi-6, (India) Indian, "Container for boot-polish", February 28, 1961.

**Class 1.** No. 108696. Dharam Vir, Narinder Prakash, and Prem Prakash, Indian Nationals, Bazar Kaserian, Amritsar, "Milk & tea strainers", March 28, 1961.

**Class 3.** Nos. 107477 to 107483. Anil Kumar Dutta, Indian citizen, 8/2A, Nebutola Row, Calcutta-12, West Bengal, India, "Dress hangers", December 5, 1960.

**Class 3.** Nos. 107484 to 107488. Anil Kumar Dutta, Indian citizen, 8/2A, Nebutola Row, Calcutta-12, West Bengal, India, "Handles for bags", December 5, 1960.

**Class 3.** No. 107685. Bulsara & Co. Pvt. Ltd., Indian Company, 43, Medows Street, Fort, Bombay, Maharashtra, "Containers", December 26, 1960.

**Class 3.** No. 108282. The Hindustan Vacuum Glass and Metal Industries Private Ltd., 1-Duffrin Bridge, Delhi-6, (India), (a company incorporated under the Indian Companies Act), "A vacuum flask", February 18, 1961.

**Class 3.** No. 108695. Liberty Foot Wear Co., G.T. Road, Karnal (Punjab), Indian partnership concern, "Rubber sole for the foot wear", March 27, 1961.

**Class 4.** Nos. 108465 to 108467. Roche Ramchand Pardasani, Bhatia Building, 87, Ranade Road, Shivaji Park, Dadar, Bombay-28, Maharashtra, Indian subject, "Dead front fuse units", March 4, 1961.

**Class 4.** No. 108472. Roche Ramchand Pardasani, Bhatia Building, 87-Ranade Road, Shivaji Park, Dadar, Bombay 28, Maharashtra, Indian Subject, "Dead front fuse units", March 6, 1961.

**Class 5.** No. 107070. Ganamukala Chenchiah Chetty, Indian National, Thambu Chetty Street, Madras-1, India, "Labels", November 9, 1960.

**Class 5.** No. 107745. Swarup Chemical Works, an Indian Partnership firm, 9, Armenian Street, Calcutta-1, West Bengal, "Cartons", December 29, 1960.

**Class 5.** Nos. 107770 and 107771. S. Mohd Ayub Mohd Yakub, Kannauj (U.P.), Indian Partnership concern, "Label", January 2, 1961.

**Class 5.** No. 108085. Amuda Industries Private Limited, Indian private Limited Company, 101.C. Palace Road, Madurai, Madras, "Labels", January 27, 1961.

**Class 5.** No. 108702. Durga Hosiery, an Indian sole Proprietorship concern, 29A, Kali Krishna Tagore Street, Calcutta-7, West Bengal, "Labels", March 29, 1961.

**Class 12.** Nos. 107753 and 107754. V. S. S. Mohamod Esoof, Annavasal, Annavasal P.O., Pudukkottai Dt., Trichy Dt. (India), Madras State, "Woollen woven waist belt", December 30, 1960.

**Class 13.** Nos. 107822 to 107845. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Bombay State, "Textile goods", January 10, 1961.

**Class 13.** Nos. 108113 to 108126. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", February 2, 1961.

**Class 13.** Nos. 108732 to 108734 and 108736. The Tata Mills Ltd., an Indian Company, Bombay House, Bruce Street, Fort, Bombay, "Textile goods", April 3, 1961.

**Class 13.** Nos. 108817 and 108818. Shree Ram Mills Limited, Fergusson Road, Parel, Bombay-13, India, a Company incorporated in India, "Textile piece goods", April 6, 1961.

**Class 14.** No. 107384. Messrs. The Phoenix Mills Ltd., an Indian Company, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", November 25, 1960.

**Class 14.** Nos. 107846 and 107847. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Bombay State, "Textile goods", January 10, 1961.

**Class 14.** Nos. 107974 and 107992. The Indian United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay 1, India, a Company incorporated in India, "Textile piece goods", January 16, 1961.

#### Copyright Extended for a Second Period of Five Years

Design No. 94093, Class 1.

Design No. 94094, Class 3.

Design No. 86622, Class 4.

Design No. 86445, Class 5.

Design No. 100907, Class 5.

S. VENKATESWARAN  
Controller General of Patents, Designs and  
Trade Marks